

Having described the invention, the following is claimed:

1. An assembly comprising:

a circuit board having a planar first surface and a planar second surface opposite said first surface;

a first component having a first set of connectors, said first set of connectors engaging a corresponding set of apertures in said first surface of said circuit board; and

a second component having a second set of mechanical one-way connectors, said second set of connectors engaging a corresponding set of apertures in said second surface of said circuit board,

said circuit board having a normal axis perpendicular to both said first and second surfaces, said normal axis passing through both said first and second components.

2. The assembly as set forth in claim 1 wherein said first set of connectors are compliant pins.

3. The assembly as set forth in claim 2 wherein said second set of connectors are compliant pins.

4. The assembly as set forth in claim 1 wherein said first set of connectors are interposed between said second set of connectors.

5. The assembly as set forth in claim 1 wherein said first set of connectors are solder pins.

6. The assembly as set forth in claim 1 further including a third component engaging said first surface of said circuit board, said normal axis not passing through said third component.

7. The assembly as set forth in claim 6 further including a fourth connector engaging said second surface of said circuit board, said normal axis not passing through said fourth component.

8. An assembly for an anti-lock braking system, said assembly comprising:

a circuit board having a first surface, a second surface opposite said first surface, and a plurality of electrical engagement holes, said holes being located at said first surface and said second surface;

a first component having a first set of connectors, said first set of connectors engaging a first set of said plurality of holes at said first surface; and

a second component having a second set of mechanical one-way connectors, said second set of connectors engaging a second set of said plurality of holes at said second surface,

said circuit board having a normal axis perpendicular to both said first and said second surfaces, said normal axis passing through said first component and said second component.

9. The assembly as set forth in claim 8 wherein said first set of connectors are compliant pins.

10. The assembly as set forth in claim 9 wherein said second set of connectors are compliant pins.

11. The assembly as set forth in claim 8 wherein said first set of connectors are interposed between said second set of connectors.

12. The assembly as set forth in claim 8 wherein said first set of connectors are solder pins.

13. An assembly for an anti-lock braking system, said assembly comprising:

circuit board means for providing electrical connection and support to a first component and a second component, said circuit board means having a first surface and a second surface opposite said first surface;

first means for connecting the first component to the first surface of said circuit board means; and

second means for connecting the second component to the second surface of said circuit board means,

said circuit board means having a normal axis perpendicular to both the first and the second surfaces, the normal axis passing through both the first component and the second component.

14. The assembly as set forth in claim 13 wherein said first connecting means includes compliant pins.

15. The assembly as set forth in claim 14 wherein said second connecting means includes compliant pins.

16. The assembly as set forth in claim 13 wherein said first connecting means includes a first set of connectors.

17. The assembly as set forth in claim 16 wherein said second connecting means includes a second set of connectors.

18. The assembly as set forth in claim 17 wherein said first set of connectors are interposed between said second set of connectors.

19. The assembly as set forth in claim 16 wherein said first set of connectors are solder pins.

20. A method for securing electric components of an anti-lock braking system, said method comprising the steps of:

mounting a first component to a first surface of a circuit board for electrically engaging the circuit board; and

mounting a second component to a second surface of the circuit board for electrically engaging the circuit board,

said mounting of the first component including the step of inserting at least one mechanical one-way connector into a first side of the circuit board,

said mounting of the second component including the step of inserting at least one mechanical one-way connector into a second side of the circuit board such that at least one of the connectors extends from the first component toward the second component and at least one other of the connectors extends from the second component toward the first component.